

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED

OMB NO. 1004-0135

Expires: November 30, 2000

5. Lease Serial No.

NM-012698

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

San Juan 29-6 unit

8. Well Name and No.

SJ 29-6 Unit #8B

9. API Well No.

30-039-26184

10. Field and Pool, or Exploratory Area

Basin Dakota and  
Blanco Mesaverde

11. County or Parish, State

Rio Arriba, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Added L/S</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>to MV interval &amp;</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>commingled MV/DK</u>

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

See procedure used to add the final zone of the Mesaverde interval after pumping cement behind the casing to be perforated. We then cleaned out the CIBPs between Mesaverde intervals and Dakota interval before commingling production. Production will be reported 12 months using the subtraction method and then will change to the ratio method for the life of the well. The well was commingled on 11/17/00.



14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Patsy Clugston

Title

Sr. Regulatory/Proration Clerk

Date

11/21/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

ACCEPTED FOR RECORD

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

ARMED & DANGEROUS OFFICE  
BY

**San Juan 29-6 Unit #8B**  
**NM-012698; API-30-039-26184**  
**Unit D, 1305' FNL & 669' FWL, Section 1, T29N, R6W**  
**Rio Arriba County, NM**

**Procedure used to remediate cement behind 4-1/2" casing before adding Lewis Shale pay and then drilled out CIBPs before commingling MV/DK production.**

10/30/00

MIRU Key #Energy #40. Kill well w/2% KCl. ND WH & NU BOP. PT-OK. Unseat & pull tubing hanger. COOH w/tubing. RIH w/4-1/2" CIBP & set @ 5230'. Load hole & PT plug & casing to 500#. OK. POOH w/tool. RIH w/4-1/2" FBP & set @ 50'. PT - OK. Pulled Packer. RU Blue Jet & shot 3 squeeze holes @ 4910'. RIH w/4-1/2" Cement retainer & set @ 4840'. Established injection rate. Pumped 120 sx (142.8 cf) of Class H cement followed by 50 sx (59.5 cf) Cl H w/2% CaCl<sub>2</sub>. Displaced cement to retainer @ 4840'. Stung out of retainer w/400# on it. Reversed out 10 sx good cement to surface.

Blue Jet ran GR/CCL/CBL from 4840' - 3280'. TOC @ 3530'. Good cement across all zones of interest. RIH w/bit & drilled out cement retainer @ 4840' and hard cement from 4842 - 4912'. Circ. bottoms up. CO to @ 5230'. POOH. Perforated Lewis Shale interval of Mesaverde @ 1 spf .38" holes as follows:

5020-5022' (3'); 4790'-4792' (3'); 4618'-4620' (3');	5010-5012' (3'); 4762'-4764' (3'); 4601'-4603' (3');	4932'-4934' (3'), 4745'-4747' (3'); 4384'- 4386'(3');	4866-4868'(3'); 4646-4648' (3'); 4333'-4335' (3') Total 36 holes
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RIH w/FBP & set @ 4971'. Acidized perms w/ 1500 gal 15% HCL acid and ballsealers. Unseat packer & knocked balls off. RU to frac. Pumped 67,578 gal 60 Quality N2 foam consisting of 26,418 gal 30# X-link gel & 762,000 scf N2. Pumped a 10,500 gal foam pad followed by 57,078 gal of foam containing 200,260# 20/40 proppant. ATP-2500 psi, ATR-45 bpm. ISDP-590 psi. Flowed back on 1/4" and 1/2" chokes. Kill well w/2% KCl.

RD flowback equipment. RIH w/bit & tagged fill and cleaned out to 5230'. Drilled out CIBP & continued down to 5920' retainer. Drilled out and then drilled out CIBP @ 6130'. Cleaned out to PBTD @ 8090'. Circ. hole. RIH w/2-3/8", 4.7# tubing and set @ 8026' with "F" nipple set @ 7993'. ND BOP & NU WH. Pumped off exp. check. RD & released rig 11/15/00. Turned well over to production department to first deliver well as commingled.